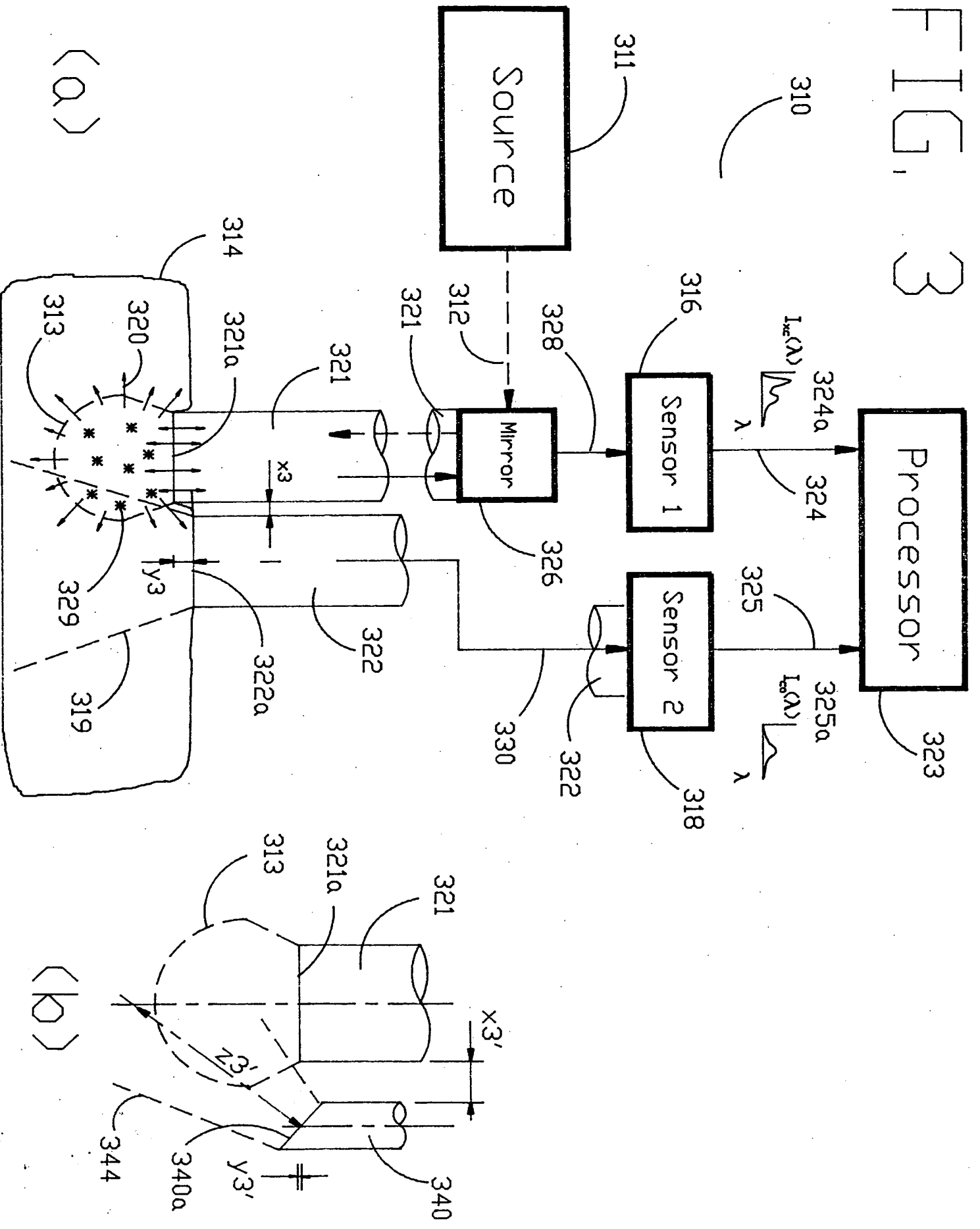
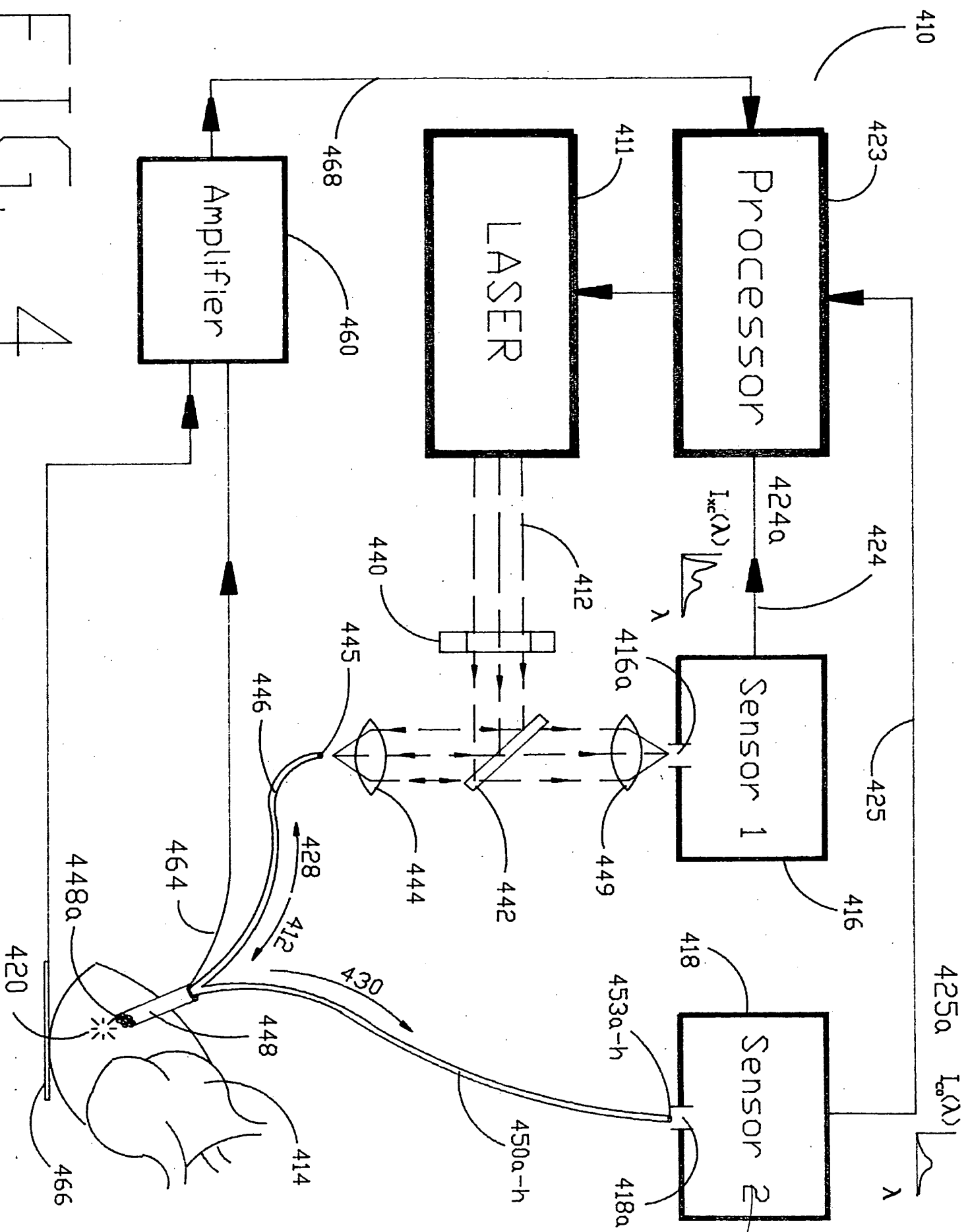


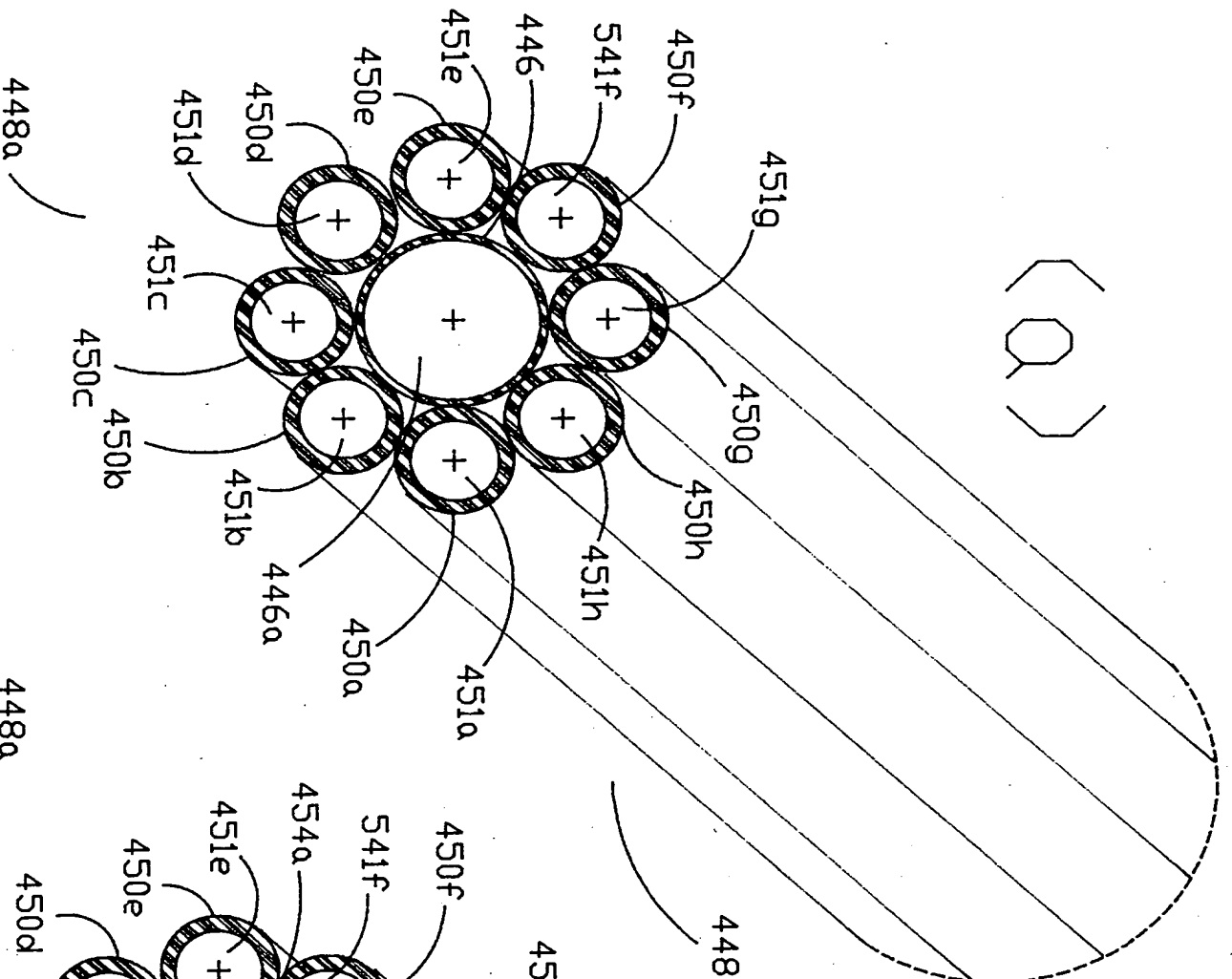
FIG. 2

# FIG. 3





(a)



(b)

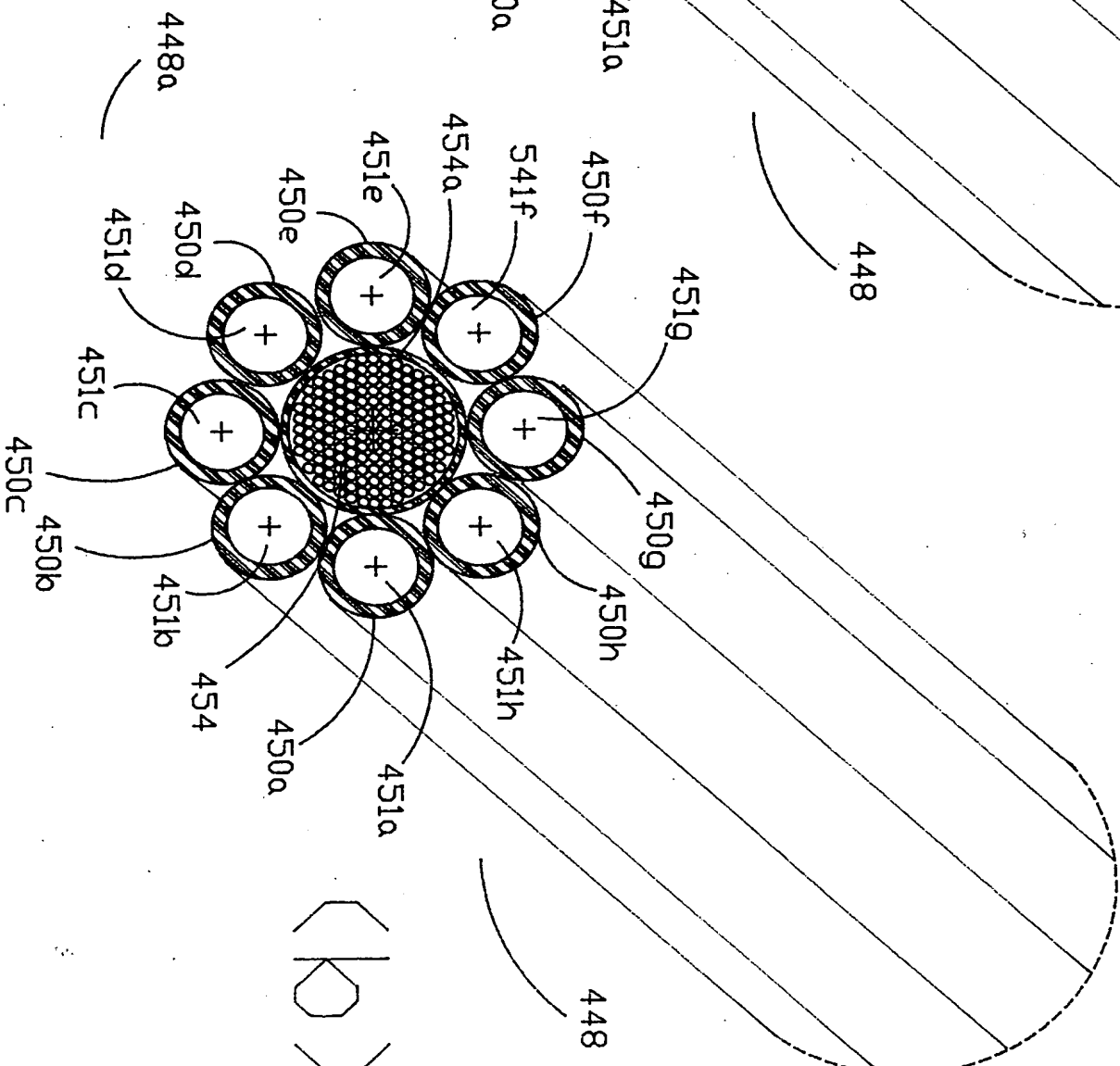
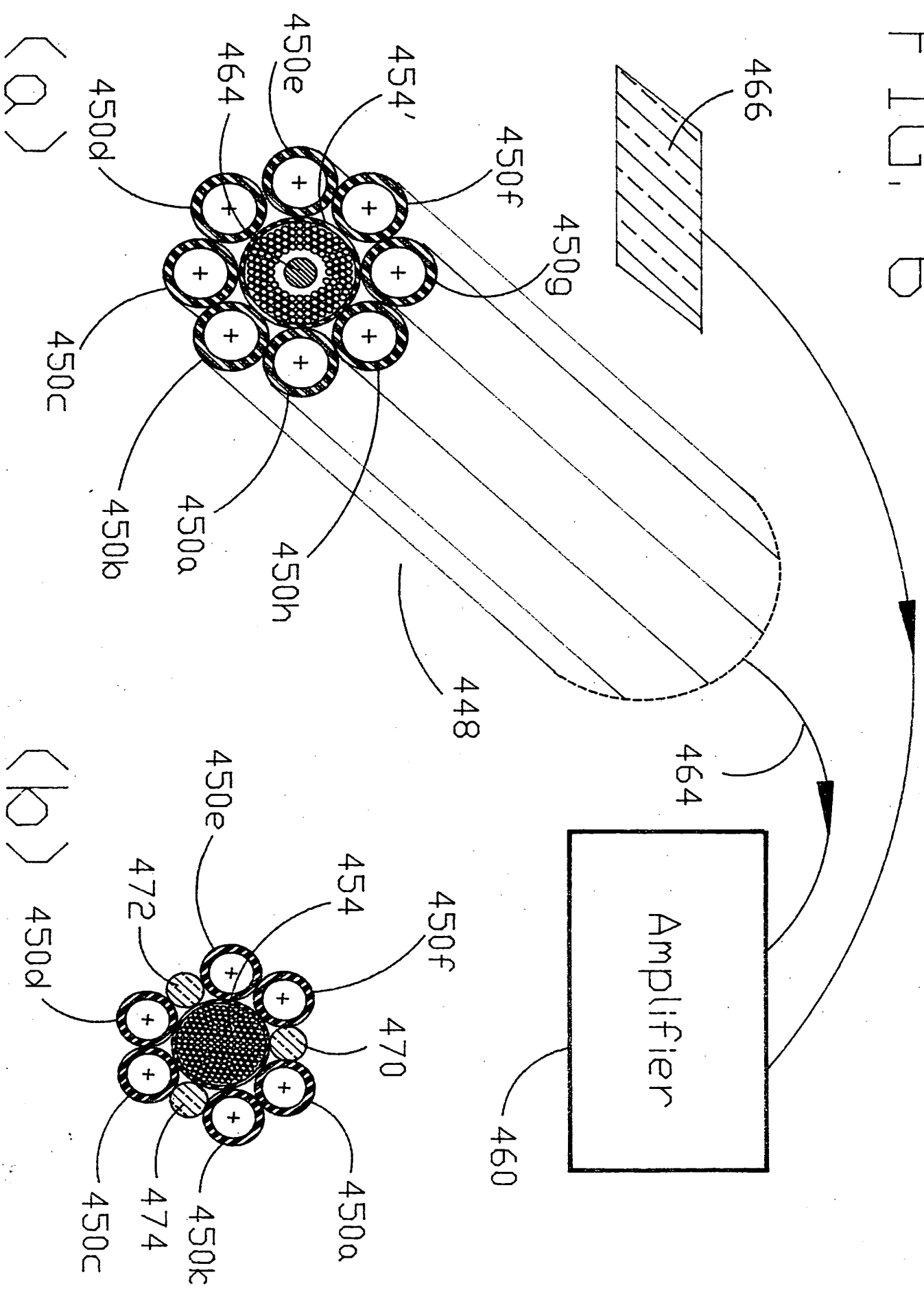


FIG. 5

FIG. 6



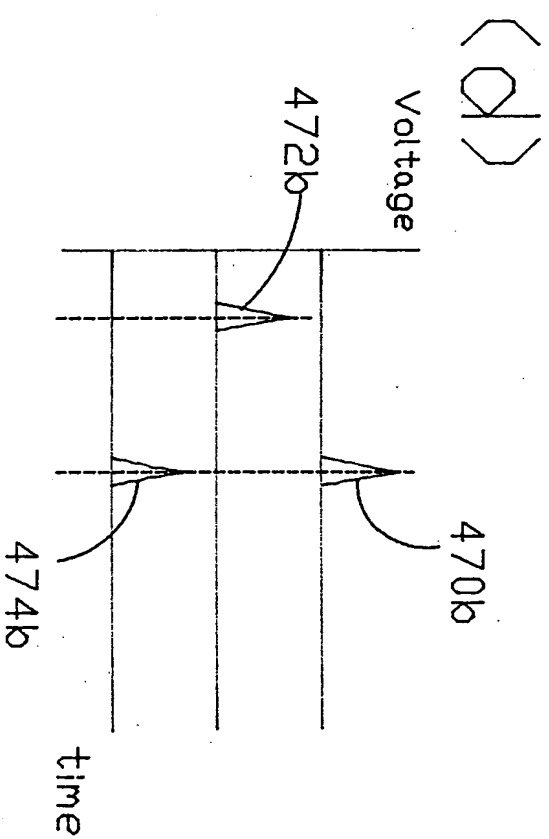
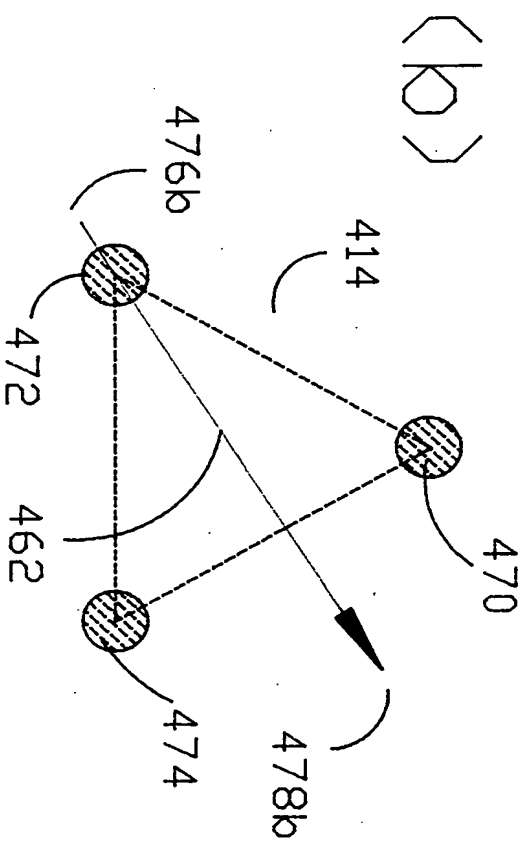
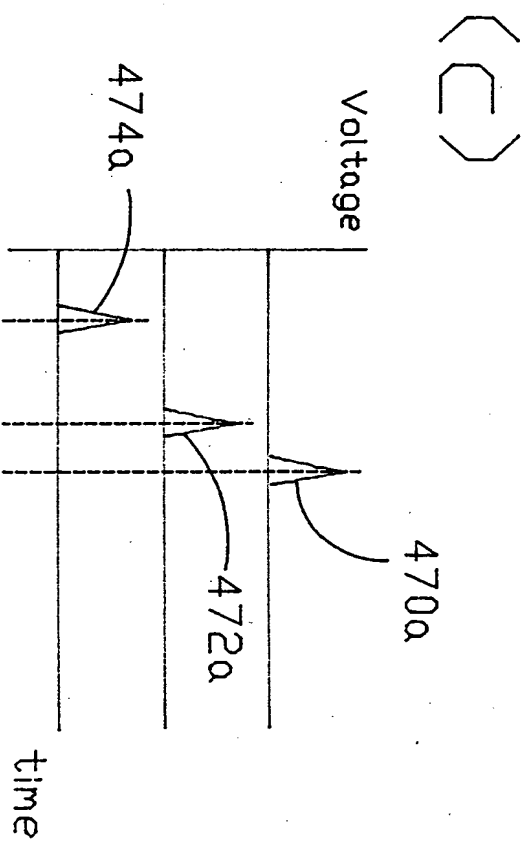
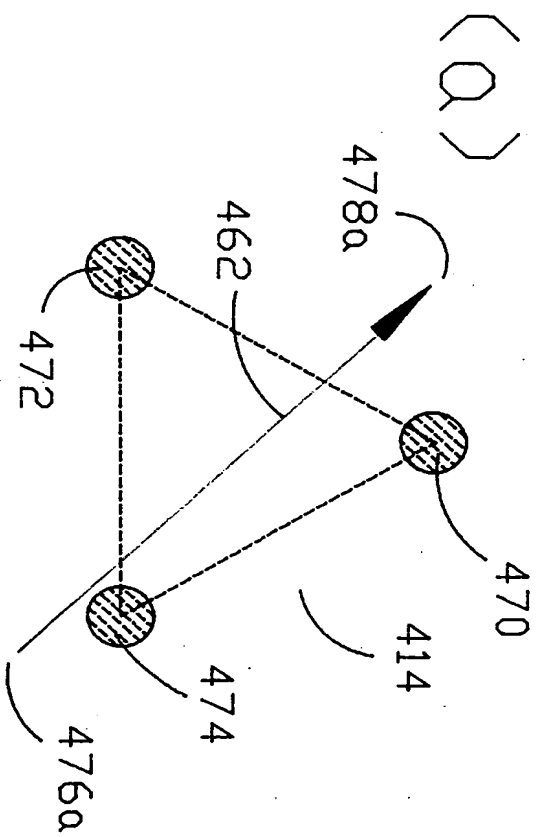
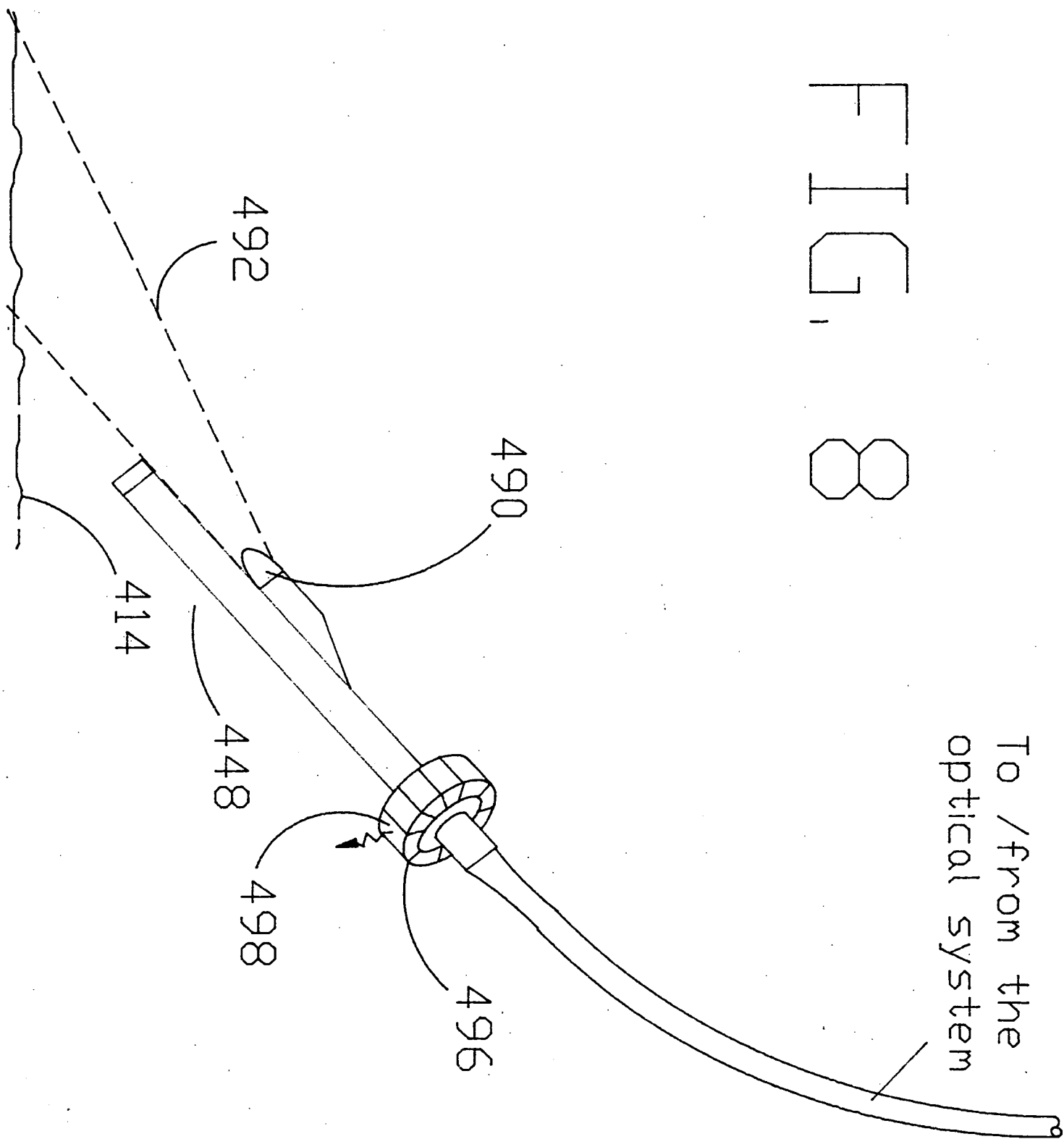


FIG. 7

FIG. 8

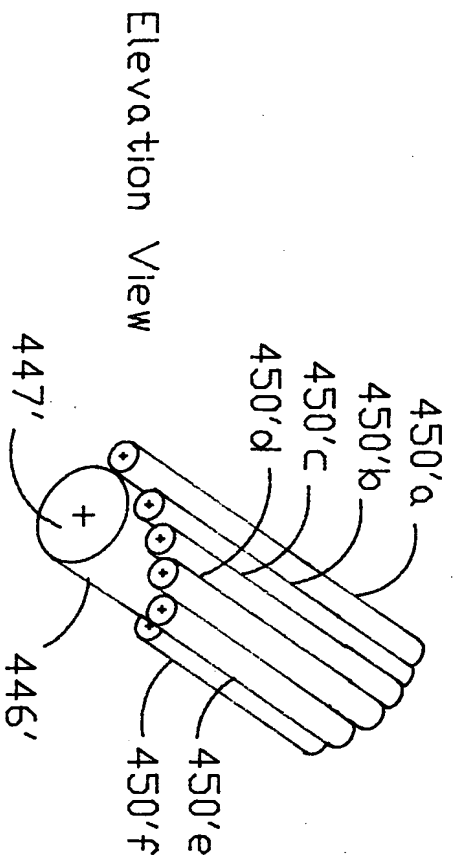
To /from the  
optical system



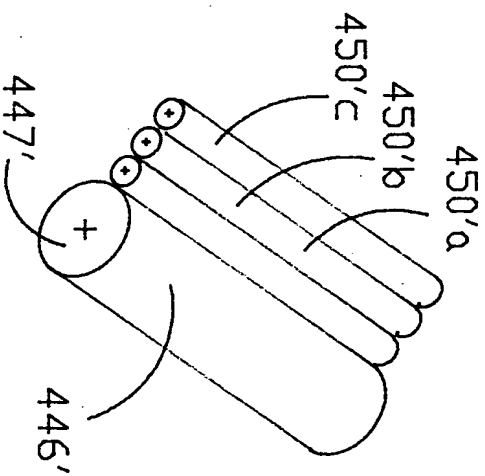


# FIG. 9

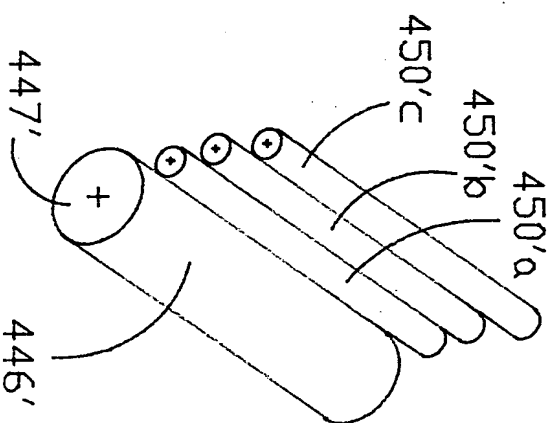
(a)



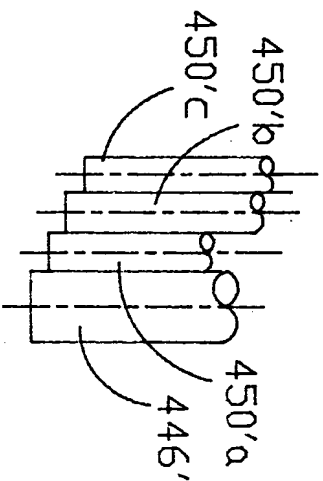
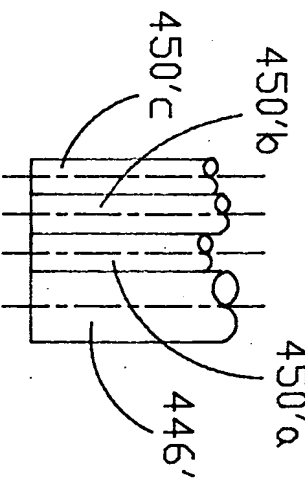
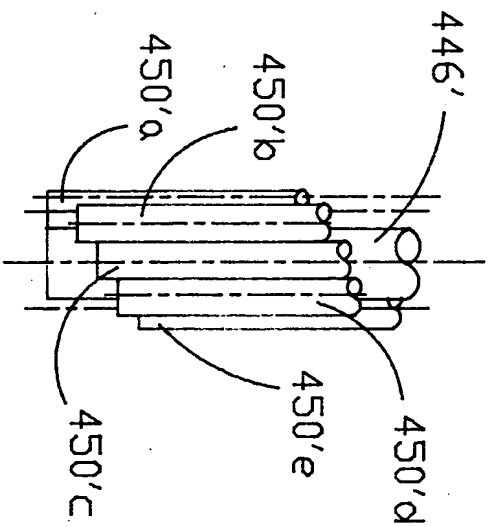
(b)



(c)



Side View



Bottom View

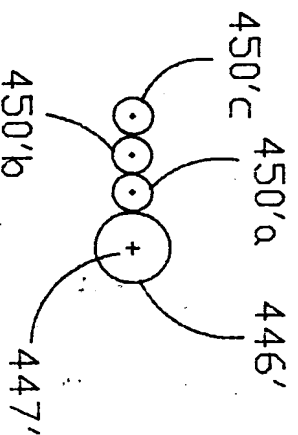
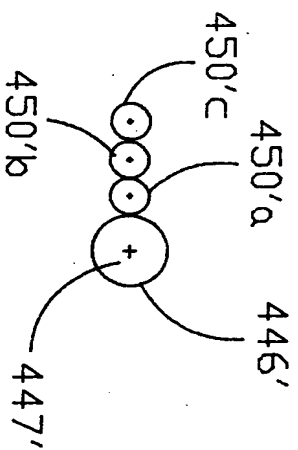
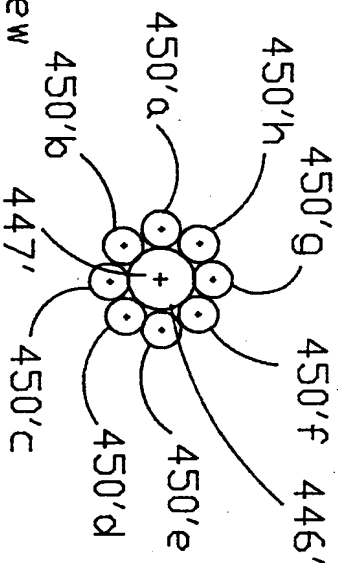
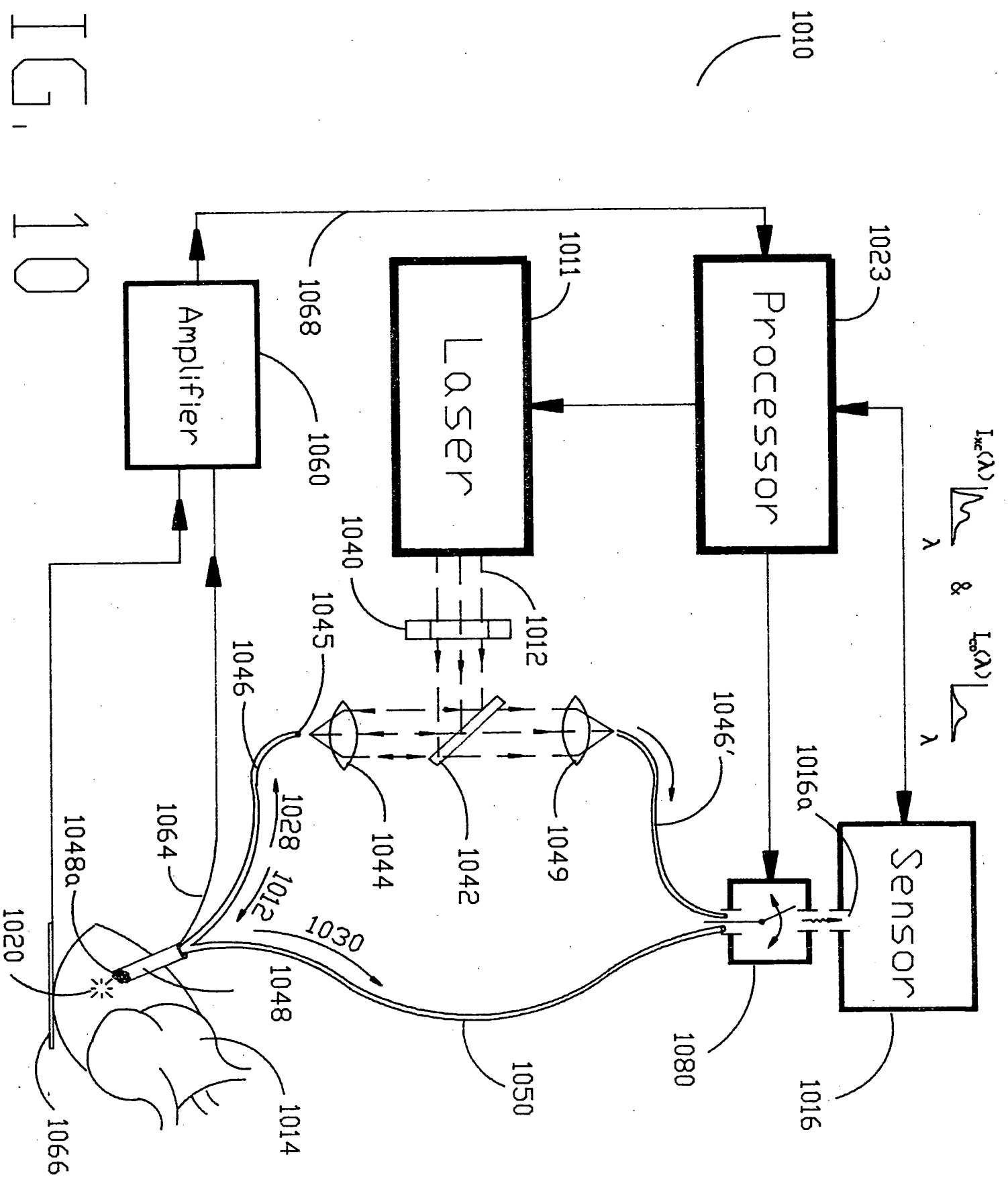


FIG. 10



LIF spectrum  
acquired by the  
first detector

$I_{c1}(\lambda)$  or  $I_{xc}(\lambda)$

Correction for the  
wavelength dependent  
instrumental effect

$I_{c1}(\lambda)$  or  $I_{xc}(\lambda)$

Determine the  
attenuation of  
the sample

$\alpha(\lambda)$

Correct the LIF  
for the effects  
of attenuation

$I_T(\lambda)$



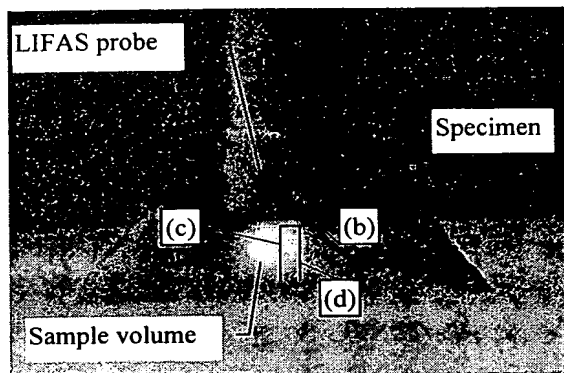
LIF spectrum  
acquired by the  
second detector

$I_{c2}(\lambda)$  or  $I_{co}(\lambda)$

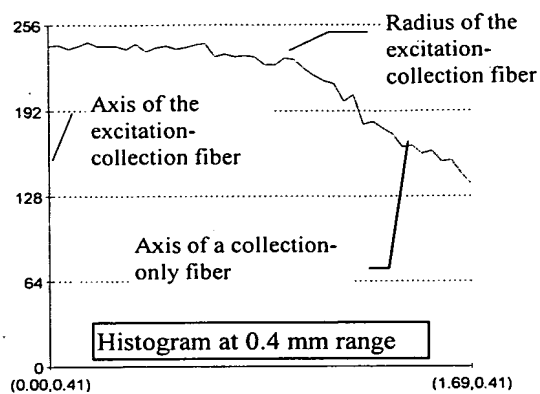
Correction for the  
wavelength dependent  
instrumental effect

$I_{c2}(\lambda)$  or  $I_{co}(\lambda)$

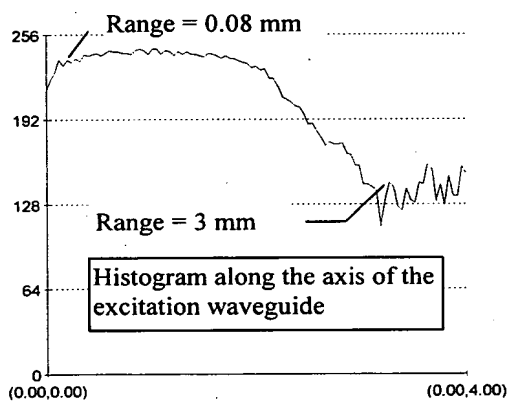
FIG. 11



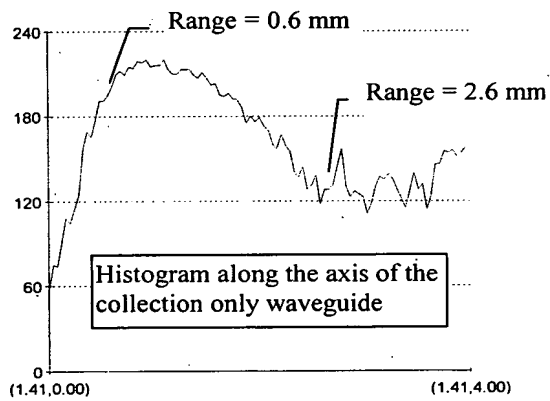
(a)



(b)



(c)



(d)

FIG. 12

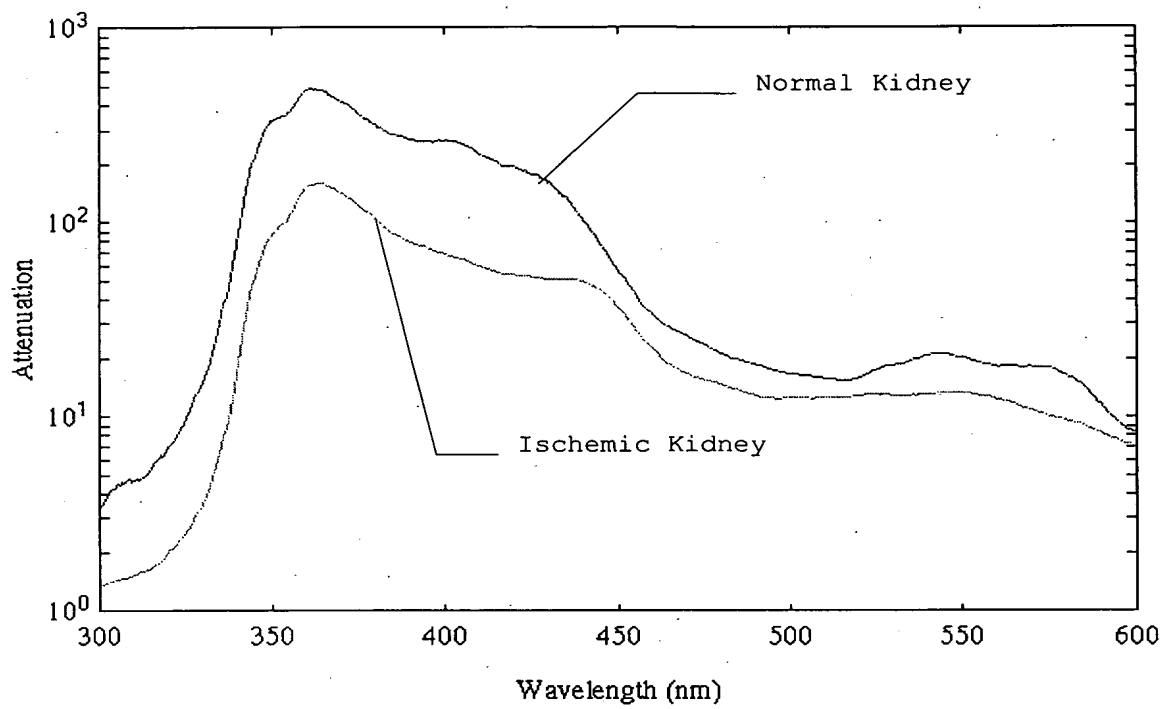
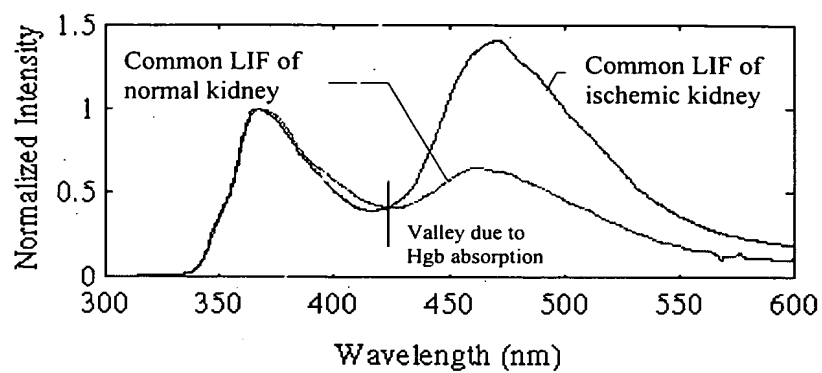
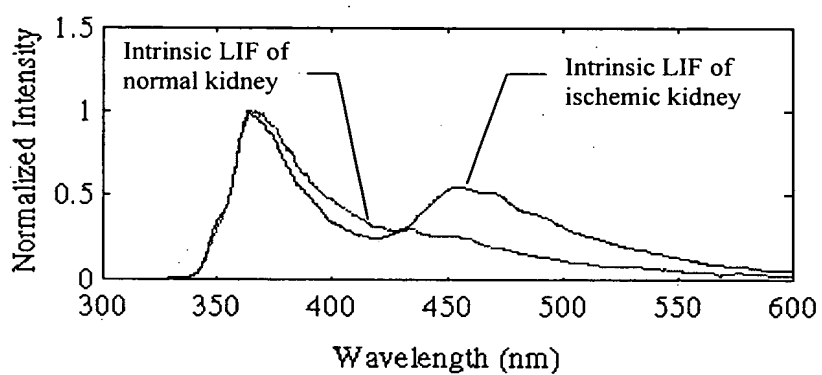


FIG. 13



(a)



(b)

FIG. 14

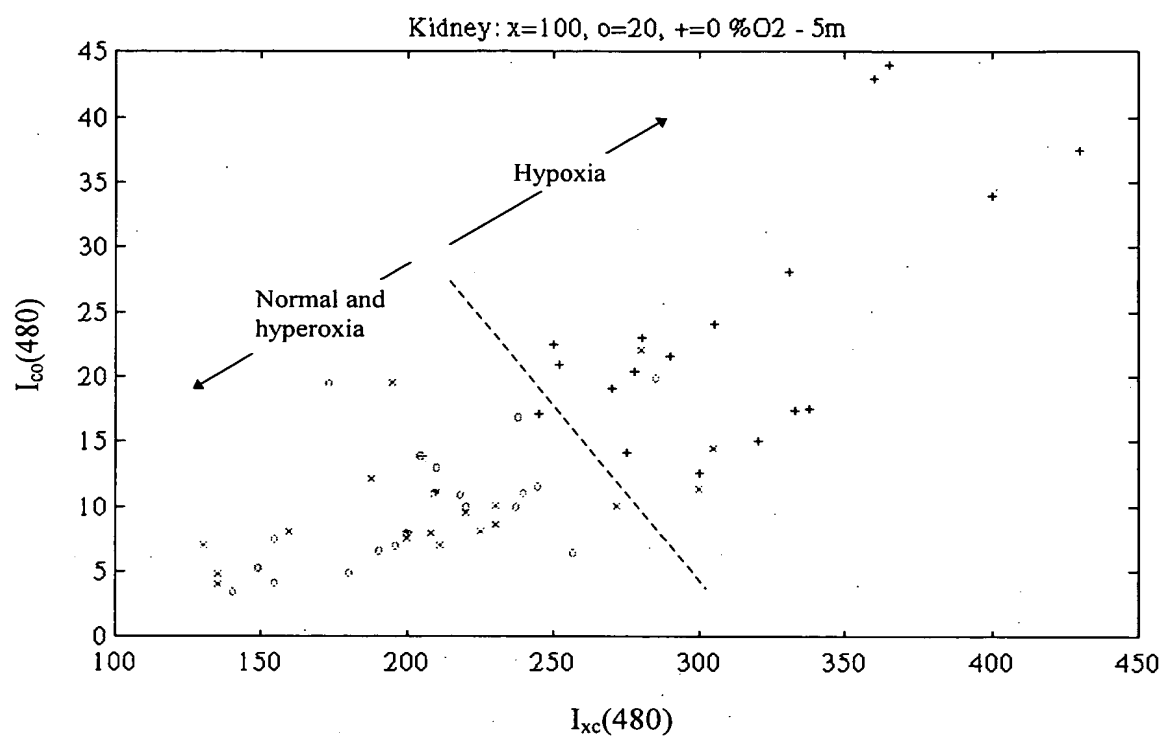


FIG. 15

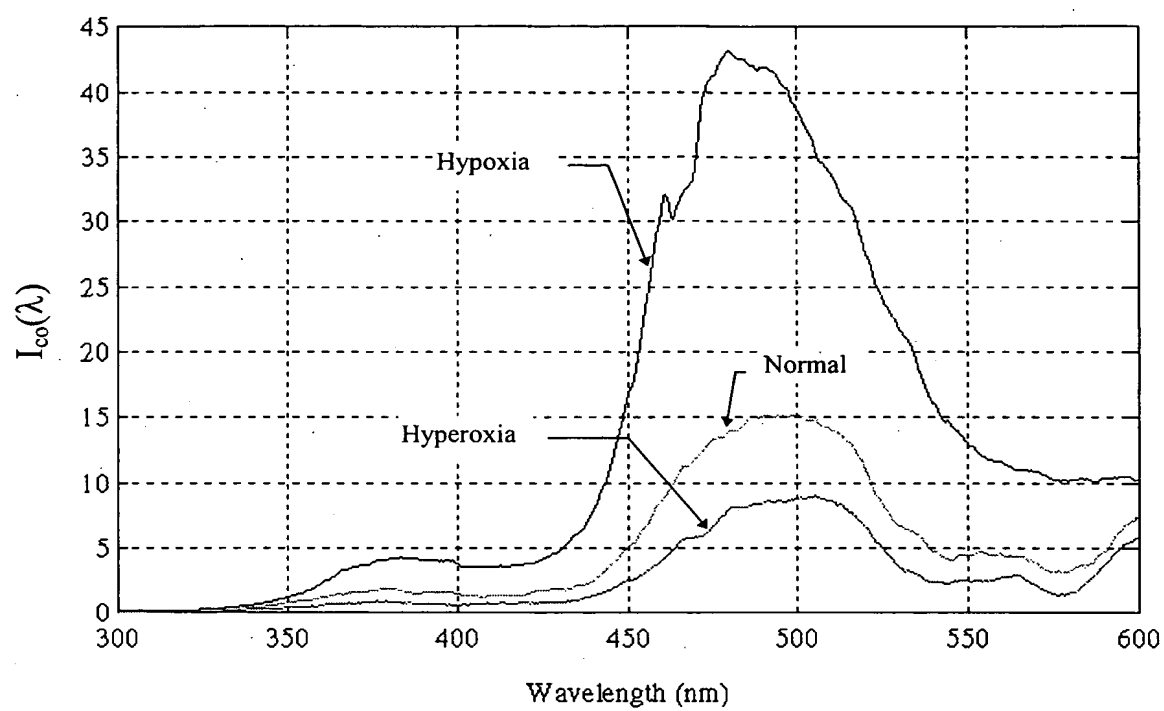
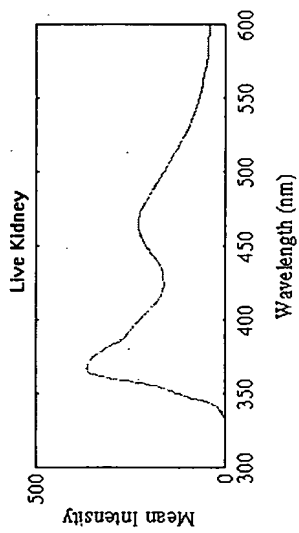
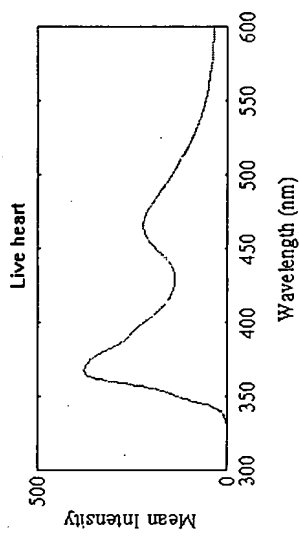


FIG. 16

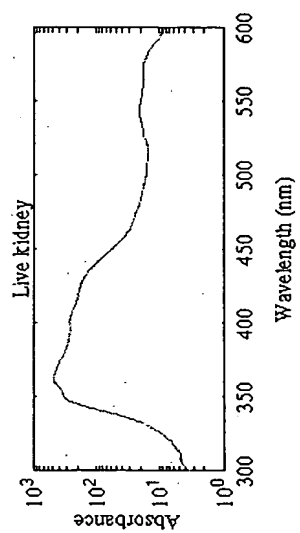




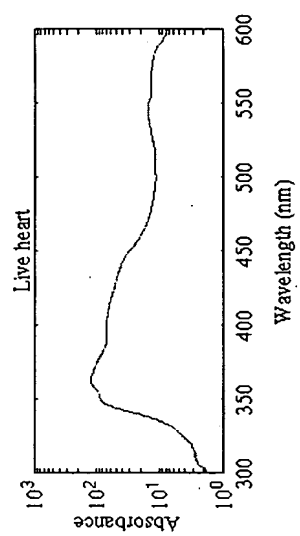
(a)



(b)



(c)



(d)

FIG. 17